

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
**02008.114001**

In Re Application Of: **Kazumi SHIMADA et al.**

Serial No.

Filing Date  
[Herewith]

Examiner

Group Art Unit

Title: **APPARATUS, METHOD AND SYSTEM FOR A PROBLEM SOLVING SUPPORT, AND A MEDIUM  
STORING A PROGRAM THEREFOR**

Address to:

**Assistant Commissioner for Patents  
Washington, D.C. 20231**

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
  2. a Notice of Allowance under 37 CFR 1.311,
- whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

**OR**

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).



**22511**

PATENT TRADEMARK OFFICE

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**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **50-0591**  
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Dated: 7/2/03

Signature

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<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b> Applicant(s): Kazumi SHIMADA et al.			<b>Docket No.</b> 02008.114001
<b>Serial No.</b>	<b>Filing Date</b> [Herewith]	<b>Examiner</b>	<b>Group Art Unit</b>

**Invention:**

**APPARATUS, METHOD AND SYSTEM FOR A PROBLEM SOLVING SUPPORT, AND A MEDIUM STORING A PROGRAM THEREFOR**

I hereby certify that the following correspondence:

Information Disclosure Statement

*(Identify type of correspondence)*

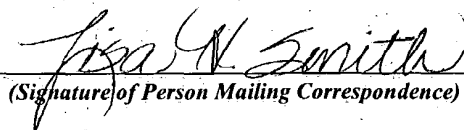
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## FORM PTO-1449 (MODIFIED)

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO.: <b>02008.114001</b>	SERIAL NO.:
	APPLICANT: <b>Kazumi SHIMADA et al.</b>	
	FILING DATE: <b>[Herewith]</b>	ART UNIT:

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	REF	DOCUMENT NO.	DATE	APPLICANT'S OR PATENTEE'S NAME

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIALS	REF	DOCUMENT NO.	DATE	COUNTRY	TRANSLATION	
					YES	NO
	A1	2002-123541	4/26/2002	Japan		X
	A2	2001-249937	9/14/2001	Japan		X
	A3	2003-108280	4/11/2003	Japan		X

OTHER DOCUMENTS		
EXAMINER INITIALS	REF	(Include Author, Title, Date, Pertinent Pages, etc.)
	A4	Patent Abstracts of Japan, Publication No. 2002-123541; 04/26/2002; 1 pg.
	A5	Patent Abstracts of Japan, Publication No. 2001-249937; 9/14/2001; 1 pg.

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-123541

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G06F 17/30

(21)Application number : 2000-313000

(71)Applicant : CANNAC:KK

(22)Date of filing : 13.10.2000

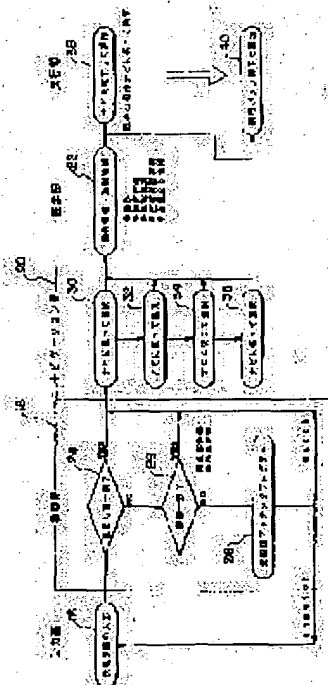
(72)Inventor : KATAYAMA YUJI  
NARUMI TAKESHI

(54) RETRIEVAL SYSTEM FOR PROBLEM SOLUTION DATABASE AND COMPUTER-READABLE STORAGE MEDIUM WITH PROBLEM SOLUTION DATABASE RETRIEVING PROGRAM RECORDED THEREON

(57)Abstract:

PROBLEM TO BE SOLVED: To enable a user of an information terminal to securely reach desired information with ease by inputting 'words that the user hits on'.

SOLUTION: A server 2 is equipped with a dictionary database 8 which contains words representing matters that questioners want to know. Database retrieving program software 12 is equipped with an input means 16 which enables a questioner to input an arbitrary word to a homepage on the web from an information terminal such as a portable telephone 14, a retrieving means 18 which determines which word in the dictionary database 8 the inputted arbitrary word matches or is similar to, a navigation means 20, and a display means 22. The navigation means 20 displays navigation sentences linked with the word retrieved by the retrieving means 18 hierarchically on the screen of the information terminal and selects question solution information finally according to navigation sentences selected by layers on the screen of the information terminal. The display means 22 displays the problem solution information on a picture 42 of the information terminal.



## LEGAL STATUS

[Date of request for examination] 16.10.2000

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

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[Date of registration]